Inde	ex of Claims	

Appl	icatio	n/Contro	ol No.
------	--------	----------	--------

10/807,457

Examiner

David D. Le

Applicant(s)/Patent under Reexamination

CHONAN ET AL.

Art Unit

3681

X	Rejected
=	Allowed

_	(Through numeral) Cancelled
÷	Restricted

N	Non-Elected
_	Interference

Α	Appeal
0	Objected

Claim										_									'	_		_
1 X 51 52 53 54 54 55 55 56 57 55 56 57 58 57 58 58 59 50 57 58 59 60 60 60 60 61 61 62 63 33 61 44 <td>Cla</td> <td>aim</td> <td></td> <td></td> <td>_</td> <td></td> <td>Dat</td> <td>e_</td> <td></td> <td></td> <td></td> <td> </td> <td>Cla</td> <td>aim</td> <td>,</td> <td></td> <td></td> <td>[</td> <td>Date</td> <td>2</td> <td></td> <td>_</td>	Cla	aim			_		Dat	e_					Cla	aim	,			[Date	2		_
2	Final	Original											Final									
3		1	Х											51								
4 X 5 X 6 X 7 X 8 X 9 55 10 60 111 62 13 63 14 64 15 65 16 66 17 67 18 68 19 69 20 70 21 71 22 73 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 40 90 40 90 41 91 42 92 43 94 44 94		2																				
5		3	Х											53								
6 X 7 X 8 X 9 59 10 60 11 61 12 62 13 63 14 64 15 65 16 66 17 67 18 68 19 69 20 70 21 71 22 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 86 37 87 38 84 39 89 40 90 41 91 42 92 </td <td></td> <td></td> <td></td> <td>_</td> <td></td> <td>_</td> <td></td> <td></td> <td></td> <td><u> </u></td> <td></td> <td></td> <td></td> <td>54</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>L</td>				_		_				<u> </u>				54								L
7 X 8 X 9 557 10 60 11 62 13 63 14 64 15 65 16 66 17 67 18 68 19 69 20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 84 34 84 35 86 37 87 38 88 39 90 40 90 41 94 44 94 45 9			X											55			\Box					L
8 X 9 58 10 60 111 61 12 62 13 63 14 64 15 65 16 67 18 68 19 69 20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 31 81 32 83 33 84 34 84 35 85 36 86 37 87 38 88 39 90 40 90 41 91 42 92 43 94 44 94 45 96				_	L_							. 1				_	\Box				L	L
9				_	L	_			<u> </u>					57		_	_					L
10			Х		L	<u> </u>	_	L	_	_					\perp	\dashv	_				_	L
11 12 61 62 63 13 64 64 65 66 66 15 66 66 66 66 66 66 66 67 68 69 69 69 69 70 71 71 72 73 73 73 73 74 72 73 73 74 74 74 75 76 77 78 78 79 30 80 80 80 81 82 83 83 83 83 84 84 84 84 84 85 85 86 86 87 88 88 89 90 <					L.	<u> </u>	ļ		ļ	ļ	L.	1 1				_	_			_	_	L
12 13 62 63 14 64 65 65 15 66 66 66 17 67 67 67 18 68 69 69 20 70 71 72 21 72 72 73 24 74 74 74 25 76 77 78 26 77 77 78 29 30 80 81 31 81 82 83 33 83 83 83 34 84 84 84 35 86 86 86 37 88 88 88 39 90 90 90 41 91 91 92 43 94 94 94 44 94 99 99			L.		_		<u> </u>	ļ	<u> </u>	ļ	<u> </u>					4	_				<u> </u>	L
13 63 14 64 15 65 16 66 17 67 18 68 19 69 20 70 21 71 22 73 23 73 24 74 25 76 26 76 27 77 28 79 30 80 31 81 32 83 33 83 34 84 35 86 36 86 37 87 38 89 40 90 41 91 42 92 43 94 44 95 46 96 47 97 48 98 49 99			_	_		┡	L		┞	<u> </u>	<u> </u>			61	\vdash	4	\dashv		_	_	⊢	╀
14 64 15 66 16 67 17 68 18 68 19 69 20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 88 39 90 40 90 41 91 42 92 43 94 44 94 45 96 46 96 97 97 48 98 99 99			_	<u> </u>	_	<u> </u>	_	_	_	 	<u> </u>			62	_	4	4			<u> </u>	<u> </u>	L
15				_	_	<u> </u>	_	 	ļ	<u> </u>	<u> </u>					-1	4				₩	L
16 66 17 68 18 68 19 69 20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98 49 99					_	<u> </u>	├	<u> </u>	-	┝	<u> </u>			64	\vdash	4	-			_		╀
17 18 67 68 19 68 69 70 20 70 71 71 21 71 72 72 23 73 74 74 25 75 76 77 27 77 77 78 28 79 79 80 30 80 81 81 32 83 84 84 35 85 85 86 37 87 87 87 38 88 89 90 40 90 90 90 41 91 92 93 43 94 94 94 45 96 96 97 48 98 99 99				_	L		⊢	┞						65	1	4	_					╀
18 19 20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98 49 99			_		L	├-	<u> </u>	<u> </u>	<u> </u>	 	-	1		66	\vdash	+	-		_		<u> </u>	╀
19 69 20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98 49 99	<u> </u>		<u> </u>		<u> </u>		├	├	<u> </u>	-	-	1			\vdash	\dashv	-				⊢	╀
20 70 21 71 22 73 23 74 25 75 26 76 27 77 28 79 30 80 31 81 32 83 33 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98 49 99		18		⊢	-	-	-	1	-	├		1				-			_			╀
21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 41 91 42 92 43 94 44 94 45 95 46 96 47 97 48 98			_	-	-	-	-	-	1	├-	-	١,			-	-			_	-	-	╀
22 72 23 74 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98 49 99			┝	\vdash		╀	├—	-	├	├	-	1			H	\dashv					\vdash	⊦
23 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98			├—		├	├-	\vdash	-	\vdash	\vdash		1			\dashv	-+			-	<u> </u>	-	╀
24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98	-			\vdash	-	┼	├	-	╁─	┝	\vdash	1			\vdash	-+	\dashv	_		┝	-	╁
25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98				\vdash	┢	├	 	 	┢	┢	⊢	1			H	\dashv				_	├	╁
26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98		25		-	├	╁╾	-	├	╁	╁	⊢	1				╛	\dashv		-	-	-	╁
27 28 77 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98			├	├		┼	├	-	╁	⊢	\vdash	1			\vdash	\dashv			-	-	├	╁
28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 96 47 97 48 98 49 99	-			├		╁	 	┢	-	┢	 	1				-	-			-	┢	H
29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 96 47 97 48 98 49 99	-		╁─	-	┢	+	\vdash	\vdash	\vdash	\vdash	╁	1			\vdash	\dashv	\dashv		-		┢	t
30			\vdash	 	\vdash	\vdash	\vdash	\vdash	╁	-	┢	1			Н	1	_			-	┢	t
31 81 32 83 33 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			┢			┼	 	\vdash	┼	┢	<u> </u>	1				1	\dashv				┢	t
32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			╁	┰	╁	\vdash	-	 	+	\vdash	 	1			\vdash	7		_	_		┢	t
33 83 34 84 35 85 36 86 37 87 38 87 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			┢	-	-	 	 	1-	t	╁╌	\vdash	1			Н	十	\dashv	_			┢	t
34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99				_	┢	t	T	\vdash	T	T	t	1			H	+		_			\vdash	t
35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			1	_		 	!	\vdash	T	\vdash	1	1				_	\neg				Т	T
36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	—		1		_	T	<u> </u>			T		1		85		\neg					Г	T
37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			-	 			t		T	\vdash	Т	1				寸					_	T
38 88 39 90 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99						T		T	T			1			П	寸				1		T
39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u> </u>					┢		✝	T	T		1			П	\exists					Г	T
40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			Г			1		_				1										Γ
41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99						Т		Т				1			П		\neg				Г	Γ
42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99				П								1		91		\neg	\neg			Г		Г
43 93 44 94 45 95 46 96 47 97 48 98 49 99												1				7						Г
44 94 45 95 46 96 47 97 48 98 49 99]		93								Γ
45 95 96 96 97 48 98 98 99 99 99							L		L]		94				_				Γ
46		45		Ľ]		95				_				Γ
47		46]		96								Γ
49 99 99														97								ſ
49 99 100 100		48]		98						匚		Ĺ
50		49							\Box]		99								L
		50	<u> </u>						\Box]		100								L

Cla	im				-	Date				
=	Ē						. 1			
Final	ij									
"	Original									
	51									
	52 53									
	53									
	54									
	54 55									
	56			_					_	
	57		_	-		_	-		_	_
\vdash	58								<u> </u>	
\perp	50		\vdash			_	-		_	_
	59									
	60									
	61					Ш	Ш			
	62									
	63								L	L
	64									
	65									
	66									
	67								_	
	68		_	_						
-	69					_		_		-
	70		_	_	_	_	_			-
-									_	-
-	71					_	_	_	-	├-
ļ	72		_		_		_		_	<u> </u>
	73									<u> </u>
	74		_		Ï	_				_
	75									_
	76 77									_
	77									
	78									
	79									
	80									
	81									
	82				Г					
	83				\vdash		Н	\vdash	\vdash	_
	84		-					\vdash		
 	85		-	-	-		-		 	-
			-		-		-		-	├
	86	Н		-			<u> </u>	_	-	⊢
<u> </u>	87	Ш		\vdash	<u> </u>	\vdash	\vdash	\vdash	 	
<u> </u>	88	Н	H	ш	_	\vdash		<u> </u>	<u> </u>	_
	89				_	Ш	ļ		_	_
<u> </u>	90	Ш	Щ	Ш	_	<u> </u>	<u> </u>		<u> </u>	<u> </u>
<u> </u>	91		_			L.	<u> </u>		L	<u> </u>
	92						L.,		<u> </u>	
	93								\Box	\Box
	94									
	95							L		
	96									
<u> </u>	97		Г			Г		Г	Γ	
	98									
	99	П				Г	Г	\vdash	_	
-	100	\vdash	 	\vdash	-	 	\vdash	-	\vdash	

Cla	Date										
a	Original										
Final	riĝi										
_	Õ										
-	101	\vdash					-			\dashv	
	101			\vdash				-		\dashv	
	101 102 103	-									
	103	H		<u> </u>	_	<u> </u>	_	_		Щ	
-	104		<u> </u>		_	_		-	-		
	105			_		_	_				
	106						_			Щ	
	107		_								
	108									Щ	
	109										
	110										
L	111					$ldsymbol{ld}}}}}}$	L_			Ш	
	112										
	113			L			L	L			
	114										
Γ	115		_		l			_			
	116									П	
	117	П			\Box					П	
	118			_		_	\vdash		_	П	
	119	 	-	_	\vdash			-	-	Н	
	120								\vdash	Н	
	121				\vdash		_	┢	<u> </u>	H	
	122	┢						-	-	\vdash	
	122	H	-		-	-		-		Н	
	123	\vdash				\vdash		⊢	⊢	-	
	124			\vdash		⊢		⊢	⊢	Н	
	125			_		┞		_	_	Н	
	126	<u> </u>		\vdash		\vdash	_		<u> </u>	Н	
	127	<u> </u>		_		<u> </u>		_		Н	
	128	<u> </u>		_	<u> </u>		<u> </u>	_	_		
	129	_		_		_		<u> </u>	_		
	130		_	L		<u> </u>			<u> </u>		
	131			_		L	<u> </u>				
	132			<u>_</u>					_		
	133			<u>. </u>				l			
	104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 131 132 133 134 135			\Box	Ĺ	L		L			
	135					L					
	136 137 138		L								
	137						,				
	138		$\overline{}$		Π						
	139 140			Γ		Γ		Γ	Γ		
	140		$\overline{}$			 					
—	141	1		1	<u> </u>	Ι-	Г	\vdash	一	\vdash	
	142	<u> </u>	Ι-			\vdash	 	_	\vdash	\vdash	
	143	\vdash	\vdash	\vdash		\vdash	\vdash	-	 	1	
	144	\vdash	 	\vdash	\vdash	\vdash	\vdash	\vdash	\vdash	\vdash	
	145			 	-	Η-	 	\vdash	\vdash	\vdash	
 	145	-	├	-	\vdash	\vdash	├	 	-	\vdash	
 	140			-	\vdash			\vdash	-		
	147	├	├	 		├	├	\vdash	\vdash	\vdash	
<u> </u>	148		 -	 	 	 	<u> </u>	├	<u> </u>	<u> </u>	
<u> </u>	149	 	<u> </u>	<u> </u>		 	<u> </u>	<u> </u>	<u> </u>	Щ	
L	150	L	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>L_</u>	L	L		